## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Stuart Stephen Papworth PARKIN et al. Art Unit: 2815

Serial No: 10/720.962 Examiner: J.H. Nguyen

Filed:

For: MAGNETIC TUNNER Attorney Ref.: ARC920030058US1

JUNCTIONS WITH IMPROVED

TUNNELING MAGNETORESISTANCE

November 24, 2003

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir.

Pursuant to 37 C.F.R. § 1.56 and in compliance with 37 C.F.R. § 1.97(b)(4). Applicants submit herewith a Form PTO-1449 listing patents and publications for consideration in connection with the above-identified application.

Applicant respectfully requests that the Examiner consider and enter these documents into the file of the above-identified application.

Respectfully submitted,

Registration No. 34.571 1469 N.W. Morgan Lane Portland, Oregon 97229-5291

(503) 296-8373 (503) 297-0452 (facsimile)

Confirmation No : 5214

Dated: March 14, 2007

Approved for use through 03/31/2007, OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Peperwork Reduction Act of 1995, no presions are required to re and to a collection of information unless it contains a valid ONB control number Complete if Known Substitute for form 1449PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Application Number 10/720.962 Filing Date November 24, 2003 First Named Invento Stuart S.P. Parkin Art Unit 2815 J.H. Nguyen ARC920030058US1 Examiner Name Attorney Docket Number

| Examinar | Cite | Document Number   | Publication Date | DOCUMENTS<br>Name of Principles or |   |
|----------|------|---|------------------|------------------------------------|---|
| hoas' N  | No." | Number-Kind Code <sup>2</sup> (Finese) US- 6,674,627 B2 | 01-06-2004       | Applicant of Cited Document        | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|          |      |   |                  | CRI                                |   |
|          |      | US- 6,819,532 B2  | 11-16-2004       | Kamijo                             |   |
|          |      | US- 2003/0128483 A1                                     | 07-10-2003       | Kamijo                             |   |
|          | Y    | US- 2004/0023075 A1                                     | 02-05-2004       | Salto et al.                       |   |
|          |      | US- 2004/0207961 A1                                     | 10-21-2004       | khimura et al.                     |   |
|          |      | US-   |                  |                                    |   |
|          | -    | US-   |                  |                                    |   |
|          |      | U8-   |                  |                                    |   |
|          | _    | US-   |                  |                                    |   |
|          |      | US-   | 1                |                                    |   |
|          |      | US-   |                  |                                    |   |
|          |      | US-   | _                |                                    | 1   |

| Examinar<br>Intials* | No.1 | Foreign Patent Document  | Publication<br>Date | Name of Patentee or<br>Applicant of Olied Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | т |
|----------------------|------|--|---------------------|--|---|---|
|                      |      | Country Code <sup>8</sup> "Number <sup>4</sup> "Xind Code <sup>8</sup> (\$7 known) | MM-00-YYYY          |  |   |   |
|                      |      |  |                     |  |   | F |
|                      | -    |  | _                   |  |   | H |
|                      |      |  |                     |  |   | L |
|                      |      |  |                     |  |   | L |

Opposite the property of the p Translation is attached

Transistion is instructed.

When the property of the property